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Jan B. H.  
AGENT/ATTORNEY FOR APPLICANT

09/11/01

DATE

Attorney Docket No. 0457-PCT-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Arbuckle, et al. Date: September 11, 2001  
Serial No.: 09/622,353 Group Art Unit: 1656  
Filed: September 12, 2000 Examiner: Tung, J.  
For: "TRANSPOSABLE ELEMENT-ANCHORED, AMPLIFICATION METHOD  
FOR ISOLATION AND IDENTIFICATION OF TAGGED GENES"

Assistant Commissioner for Patents  
Washington, D.C. 20231

AMENDMENT

Dear Sir:

In response to the Office Action of June 21, 2001, Applicants respectfully request that this application be reconsidered in view of the following remarks and amendments.

IN THE CLAIMS

Please substitute the appropriate pending claim with its amended version as presented below:

①

1. (Amended) A method for the identification and isolation of a genetic sequence from an organism, wherein disruption of genomic DNA of said organism by a transposable element flanking said genetic sequence is associated with a mutant phenotype, said method comprising the following steps:
  - a) segregating a plurality of organisms by the presence or absence of said mutant phenotype, wherein the genomic DNA of each organism comprises at least one copy of said transposable element;